

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	40	ruthenium and plasma same nucleation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 11:53
S2	6	S1 and atomic near layer near deposition	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 11:52
S3	6	S2 and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 11:03
S4	6	S3 and plasma and nucleation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 11:06
S5	6	S2 and plasma and nucleation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 11:06
S6	113	atomic near layer near deposition same ruthenium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 15:18
S7	4	S6 and plasma same nucleation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 11:53
S8	143	atomic near layer same ruthenium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 15:18

S9	1043	"7" and plasma same nucleation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 15:19
S10	1122	"4" and plasma same nucleation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 15:20
S11	4	S8 and plasma same nucleation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 15:21

Case 10724438

<u>S15540</u>	<u>U</u>	USPT	('6849122' '6010744' '6841044')!.pn. and plasma same (time or min or minute\$2 or sec or second\$1)	2005-05-10 23:49:42
<u>S15539</u>	<u>U</u>	USPT	('6849122' '6010744' '6841044')!.pn. and (time or min or minute\$2 or sec or second\$1) and plasma same (time or min or minute\$2 or sec or second\$1)	2005-05-10 23:49:13
<u>S15538</u>	<u>U</u>	USPT	('6849122' '6010744' '6841044')!.pn. and (time or min or minute\$2 or sec or second\$1) and plasma	2005-05-10 23:48:43
<u>S15537</u>	<u>U</u>	USPT	('6849122' '6010744' '6841044')!.pn. and (time or min or minute\$2 or sec or second\$1)	2005-05-10 23:18:35
<u>S15536</u>	<u>U</u>	USPT	('6849122' '6010744' '6841044')!.pn. and (time or min or minute\$2 or sec or second\$2)	2005-05-10 23:17:19
<u>S15535</u>	<u>U</u>	USPT	('6849122' '6010744' '6841044')!.pn.	2005-05-10 23:17:06
<u>S15534</u>	<u>U</u>	USPT	('6841044')!.pn. and (vacuum or evacuat\$4)	2005-05-10 22:53:47
<u>S15533</u>	<u>U</u>	USPT	('6841044')!.pn. and (vacuum or evacuat\$4) and plasma and ruthenium	2005-05-10 22:52:57
<u>S15532</u>	<u>U</u>	USPT	('6841044')!.pn. and (time or min or minute\$2 or sec or second\$2)	2005-05-10 22:48:23
<u>S15531</u>	<u>U</u>	USPT	('6841044')!.pn.	2005-05-10 22:45:51
<u>S15530</u>	<u>U</u>	USPT	('6849122' '6010744')!.pn. and (hydrogen or H\$2) and plasma	2005-05-10 19:24:28
<u>S15529</u>	<u>U</u>	USPT	('6849122' '6010744')!.pn. and (hydrogen or H\$3) same plasma	2005-05-10 19:23:49
<u>S15528</u>	<u>U</u>	USPT	('6849122' '6010744')!.pn. and ruthenium and thin near (layer\$2 or film\$2) and precursor\$2 and ((atomic near (layer or deposition)) or ALD)	2005-05-10 19:04:37
<u>S15527</u>	<u>U</u>	USPT	('6849122' '6010744')!.pn. and ruthenium and thin near (layer\$2 or	2005-

		film\$2) and precursor\$2	05-10 19:02:47
<u>S15526</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and (heat\$3 or temperature\$2) and C	2005- 05-10 18:50:54
<u>S15525</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and (heat\$3 or temperature\$2)	2005- 05-10 18:42:20
<u>S15524</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and argon	2005- 05-10 18:37:51
<u>S15523</u>	<u>U</u>	USPT ('6664168' '6844258' '6878628' '6841044')!.PN. and plasma and ruthenium and (vacuum or evacuat\$4)	2005- 05-10 18:17:33
<u>S15522</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and plasma and ruthenium and (vacuum or evacuat\$4)	2005- 05-10 18:04:18
<u>S15521</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and plasma and ruthenium	2005- 05-10 18:03:39
<u>S15520</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and plasma and rethenium	2005- 05-10 18:02:25
<u>S15519</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and (time or min or minute\$2 or sec or second\$2) and plasma	2005- 05-10 17:58:18
<u>S15518</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and (time or min or minute\$2 or sec or second\$2)	2005- 05-10 17:50:46
<u>S15517</u>	<u>U</u>	USPT atomic near (layer or deposition) same ruthenium and nitrogen same plasma	2005- 05-10 17:16:39
<u>S15516</u>	<u>U</u>	USPT ('6664168' '6844258' '6878628' '6841044')!.PN. and nitrogen same plasma	2005- 05-10 17:11:10
<u>S15515</u>	<u>U</u>	USPT 438/3,151,238,396,612,681,687,722 \$.ccls.(ruthenium and plasma and nucleation and atomic near4 deposition and silicon) and nitrogen same plasma	2005- 05-10 17:10:19
<u>S15514</u>	<u>U</u>	USPT ('6841044')!.PN. and nitrogen same plasma	2005- 05-10 17:07:41
<u>S15513</u>	<u>U</u>	USPT (('6887795' '6887776' '6849122' '6841044' '6812042')!.PN. and ruthenium and substrate\$2) and nitrogen same plasma	2005- 05-10

<u>S15512</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and nitrogen	17:05:23 2005-05-10 17:04:36
<u>S15511</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and oxygen same plasma	2005-05-10 16:50:04
<u>S15510</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and (silicon or SI\$3) and substrate\$2	2005-05-10 16:41:02
<u>S15509</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and ruthenium and ((atomic near (layer or deposition)) or ALD) and ruthenium	2005-05-10 16:37:31
<u>S15508</u>	<u>U</u>	USPT ('6849122')!.PN. and plasma and nucleation and ruthenium and ((atomic near (layer or deposition)) or ALD)	2005-05-10 16:35:15
<u>S15507</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn. and ruthenium	2005-05-10 16:33:11
<u>S15506</u>	<u>U</u>	USPT ('6849122' '6010744')!.pn.	2005-05-10 16:33:00
<u>S15505</u>	<u>U</u>	USPT ('6849122')!.PN. and plasma and nucleation and ruthenium	2005-05-10 16:32:12
<u>S15504</u>	<u>U</u>	USPT ('6010744')!.PN. and plasma same nucleation and ruthenium and substrate\$2	2005-05-10 16:26:14
<u>S15503</u>	<u>U</u>	USPT ('6010744')!.PN. and plasma same nucleation and ruthenium	2005-05-10 16:16:42
<u>S15502</u>	<u>U</u>	USPT ('6010744')!.PN. and atomic near (layer or deposition) same ruthenium	2005-05-10 16:16:08
<u>S15501</u>	<u>U</u>	USPT plasma same nucleation and ruthenium and atomic near (layer or deposition) same ruthenium	2005-05-10 15:57:30
<u>S15500</u>	<u>U</u>	USPT atomic near (layer or deposition) same ruthenium and plasma and nucleation	2005-05-10 15:49:20
<u>S15499</u>	<u>U</u>	USPT atomic near (layer or deposition) same ruthenium	2005-05-10 15:48:52

<u>S15498</u>	<u>U</u> USPT	plasma same nucleation and ruthenium and oxygen	2005-05-10 15:30:59
<u>S15497</u>	<u>U</u> USPT	plasma same nucleation and ruthenium	2005-05-10 15:30:28
<u>S15496</u>	<u>U</u> USPT	('6844258' '6878628')!.PN. and plasma and nucleation	2005-05-10 15:25:50
<u>S15495</u>	<u>U</u> USPT	(ruthenium and plasma and nucleation and atomic near4 deposition and silicon) and plasma same nucleation	2005-05-10 15:24:43
<u>S15494</u>	<u>U</u> USPT	('6844258' '6878628')!.PN. and plasma same nucleation	2005-05-10 15:15:48
<u>S15493</u>	<u>U</u> USPT	((('6887795' '6887776' '6849122' '6841044' '6812042')!.PN. and ruthenium and substrate\$2) and plasma same nucleation	2005-05-10 15:13:26
<u>S15492</u>	<u>U</u> USPT	('6849122')!.PN. and plasma and nucleation	2005-05-10 15:10:42
<u>S15491</u>	<u>U</u> USPT	('6849122')!.PN. and plasma same nucleation	2005-05-10 15:10:03
<u>S1549</u> <u>0</u>	<u>U</u> USPT	((('6887795' '6887776' '6849122' '6841044' '6812042')!.PN. and ruthenium and substrate\$2) and oxygen\$2 same plasma	2005-05-10 14:53:52
<u>S1548</u> <u>9</u>	<u>U</u> USPT	((('6887795' '6887776' '6849122' '6841044' '6812042')!.PN. and ruthenium and substrate\$2) and oxygen\$2	2005-05-10 14:51:16
<u>S1548</u> <u>8</u>	<u>U</u> USPT	('6887795' '6887776' '6849122' '6841044' '6812042')!.PN. and ruthenium and substrate\$2	2005-05-10 13:31:44
<u>S1548</u> <u>7</u>	<u>U</u> USPT	ruthenium and plasma and nucleation and atomic near4 deposition and silicon	2005-05-10 13:18:57
<u>S1548</u> <u>6</u>	<u>U</u> USPT	('6878628' '6844258' '6727138')!.pn. and ruthenium and plasma and nucleation and atomic and deposition and silicon	2005-05-10 11:41:57
<u>S1548</u>	<u>U</u> USPT	('6878628' '6844258' '6727138')!.pn.	2005-05-10 11:41:28

<u>5</u>	and ruthenium and plasma and nucleation	
<u>S1548</u> <u>4</u>	<u>U</u> USPT ('6878628' '6844258' '6727138')!.pn.	2005-05-10 11:41:07
<u>S1548</u> <u>3</u>	<u>U</u> USPT ('6878628' '6844258')!.pn. and ruthenium and plasma same nucleation and silicon\$2	2005-05-10 11:32:23
<u>S1548</u> <u>2</u>	<u>U</u> USPT ('6878628' '6844258')!.pn. and ruthenium and plasma and nucleation and silicon\$2	2005-05-10 11:28:48
<u>S1548</u> <u>1</u>	<u>U</u> USPT ('6878628' '6844258')!.pn. and ruthenium and plasma and nucleation	2005-05-10 11:26:02
<u>S1548</u> <u>0</u>	<u>U</u> USPT ('6878628' '6844258')!.pn. and ruthenium and plasma same nucleation	2005-05-10 11:25:50
<u>S1547</u> <u>9</u>	<u>U</u> USPT ('6878628' '6844258')!.pn.	2005-05-10 11:25:18